



County of San Diego
Planning & Development Services
BUILDING DIVISION

ACCESSIBILITY CORRECTION LIST

Public Accommodations
& Commercial Buildings

13B

Alarms

PLAN CHECK #:

OWNER ON APPLICATION:

VISIBLE ALARMS

1. Where fire alarm coverage required by CBC 907, identify location of visible alarms (strobe lights) in the following public- and common-use areas:

- ☐ Corridors and hallways
- ☐ Lobbies
- ☐ Toilet and bathing facilities
- ☐ Meeting and conference rooms
- ☐ Filing, photocopy, and employee break rooms
- ☐ Dining rooms and cafeterias
- ☐ Multipurpose rooms
- ☐ Classrooms
- ☐ Gymnasiums
- ☐ Locker rooms
- ☐ Band and music practice rooms
- ☐ Occupational shops
- ☐ Other occupied rooms where ambient noise impairs hearing of fire alarm
- ☐ Other public- or common-use areas

Exception: In other than I-2 and I-2.1 occupancies, visible alarms not required in alterations unless fire alarm system is added, upgraded, or replaced

Exception: Visible alarms not required in enclosed exit stairways, exterior exit stairs, or exterior exit ramps

Exception: Visible alarms not required in elevator cars

CBC 907.5.2.3.1

2. Where employee work areas require audible alarm coverage, specify notification appliance circuits serving employee work areas shall be designed with minimum 20-percent spare capacity to support adding visible notification devices in future to accommodate any hearing-impaired employees.

CBC 907.5.2.3.2

3. Visible alarms shall be provided in dwelling units and sleeping units of R-1 and R-2.1 occupancies per requirements of accessibility correction list 14B⁶.

CBC 907.5.2.3.3

4. Where fire alarm coverage required in R-2 occupancies by CBC 907, all dwelling units and sleeping units shall be provided with capability to support visible alarms.

CBC 907.5.2.3.4

AUDIBLE ALARMS

5. Where fire alarm coverage required by CBC 907, specify audible alarms complying with the following:

- ☐ Sound distinctive alert not used for any purpose other than fire alarm
- ☐ In every occupiable space within building, provide sound pressure level of 15 decibels above average ambient sound level or 5 decibels above maximum sound level having minimum 60-second duration, whichever is greater
- ☐ Minimum sound pressure levels per the following:
 - o 75 decibels in R occupancies
 - o 90 decibels in mechanical equipment rooms
 - o 60 decibels in all other occupancies
- ☐ Maximum sound pressure level of 110 decibels at minimum hearing distance from audible alarm notification appliance
- ☐ Audible signal shall be standard firm alarm evacuation signal, ANSI S3.41 Audible Emergency Evacuation Signal, "three pulse temporal pattern," as described in NFPA 72

Exception: In patient areas of I-2 occupancies, visible alarms may be used in lieu of audible alarms

Exception: In I-2 occupancies, audible alarms placed in patient areas shall be only chimes or similar-sounding devices for alerting staff

Exception: Where average ambient sound level greater than 95 decibels, visible alarms shall be provided in lieu of audible alarms

CBC 907.5.2.1

FIRE ALARM BOXES

6. Where manual fire alarms required by CBC 907, specify alarm boxes and protective covers complying with the following:

- ☐ Highest point of activating handle or lever located minimum 42 inches and maximum 48 inches above floor
- Exception:** Existing manual fire alarm boxes
- ☐ Operable with maximum 5 pounds of force
- ☐ Operable with one hand and without tight grasping, pinching, or twisting of wrist

CBC 907.4.2 and CBC 1117B.6(4)

ADDITIONAL REQUIREMENTS

**THIS DOCUMENT IS FOR PLAN REVIEW ONLY.
CORRECTION LIST ITEMS MAY NOT BE REPRODUCED OR COPIED ON PLANS.
PROVIDE COMPLETE DETAILS, DIMENSIONS, AND NOTES TO SATISFY CORRECTION ITEMS.**

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